



NITFS

Compliance Registration



Product: Space Imaging Controlled Base Image System (CIBS) Version 1.0

Sponsor:
Space Imaging

Developer:
Raytheon

- Initial Registration
- Supplemental/Update **#39**
- Derived from Reg. #

Complexity Level						
NITF 2.1 CLEVEL						
	3	5	6	7		
Interpret						
Generate						
NITF 2.0 CLEVEL						
Interpret	1	2	3	4	5	6 Oth
Generate						

Configurations Tested:

- SGI Origin, IRIX 6.5
- SGI Octane, IRIX 6.5

- System**
N-0105/98, §4.1.1
- Product**
N-0105/98, §4.1.2
- Component**
N-0105/98, §4.1.3

** NITF 2.0 feature

* NITF 2.1 feature

NITFS Features Implemented:

Format	Image Segment Types
NITF	<input type="radio"/> MONO
<input type="radio"/> V2.1	<input type="radio"/> RGB
<input checked="" type="radio"/> V2.0	<input type="radio"/> RGB/LUT
<input type="radio"/> V1.1	<input type="radio"/> YCbCr
NSIF	<input type="radio"/> MULTI
<input type="radio"/> V1.0	<input type="radio"/> NODISPLY
	<input type="radio"/> POLAR

Pixel Value Types

- Boolean
- Integer
- Signed Integer *
- IEEE Real *
- IEEE Complex *

Annotation Segment Types

- Bit Mapped **
- CGM, 2301
- CGM, 2301A
- Labels **
- JPEG Lossless
- JPEG 2000
- Bi-Level
- Vector Quantization
- Multispectral JPEG, Individual Band

Text Segments

- STA
- UT1
- U8S
- MTF

Date: 22 February
Expiration: 2006
Registration #: 21 February 2008
Reg ID: 347

Data Extension Segments

- TRE_OVERFLOW
- STREAMING_FILE_HEADER
- Controlled Extensions **
- Registered Extensions **

Tagged Record Extensions

- RPFHDR
- RPFIMG
- RPFDES

Legend

<input type="radio"/> Interpret	<input checked="" type="radio"/> Generate	Fully implemented
<input type="radio"/> Interpret	<input checked="" type="radio"/> Generate	Partially implemented
		Not implemented

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

EDWARD E. BOYLES II, Division Chief
 Joint Interoperability Test Command
 Executive Agent to National Geospatial-
 Intelligence Agency for the NITFS Test and
 Evaluation Program